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Part II

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35mm to 16mm (16mm positive prints).....	PH22.46-1946*Apr. 1946	R1959
35mm to 16mm (16mm dupe negative).....	PH22.47-1946*Apr. 1946	R1959
16mm to 35mm Enlargement Ratio.....	PH22.92-1953*Jan. 1953	R1959
35mm Release Picture-Sound Continuous Contact.....	PH22.111-1965	Dec. 1965

Apertures, Projector		
8mm.....	PH22.20-1957*Aug. 1957	Nov. 1966 ¹
16mm.....	PH22.8-1957*Aug. 1957	Nov. 1966 ¹
16 & 35mm TV Review Room.....	PH22.148	June 1966 ¹
35mm.....	PH22.58-1954*Sept. 1954	Sept. 1964 ¹
35mm (2.35:1).....	PH22.106-1965	Nov. 1965
70mm.....	PH22.152	Nov. 1966 ¹

Film Dimensions†		
8mm, Perforated super 8, 1R-1667.....	PH22.149	Oct. 1966 ¹
16mm, Perforated 8mm, 2R-1500.....	PH22.17-1965	May 1965
16mm, Perforated super 8, 2R-1664 (1-3).....	PH22.151	Oct. 1966 ¹
16mm, Perforated super 8, 2R-1667 (1-3).....	PH22.150	Oct. 1966 ¹
16mm, 1R-2994.....	PH22.109-1965	Oct. 1965
16mm, 1R-3000.....	PH22.12-1964	Feb. 1965
16mm, 2R-2994.....	PH22.110-1965	Oct. 1965
16mm, 2R-3000.....	PH22.5-1964	Feb. 1965
32mm, 2R-2994.....	PH22.141-1965	June 1965
32mm, 2R-3000.....	PH22.71-1965	June 1965
32mm, 4R-2994.....	PH22.142-1965	June 1965
32mm, 4R-3000.....	PH22.72-1965	June 1965
35mm, Perforated 32mm, 2R-2994.....	PH22.73-1966	Mar. 1966
35mm, 2R-3000.....	PH22.138-1964	Feb. 1965
35mm, BH-1866.....	PH22.93-1964	Dec. 1964
35mm, BH-1870.....	PH22.34-1964	Dec. 1964
35mm, CS-1870.....	PH22.102-1964	Dec. 1964
35mm, DH-1870.....	PH22.1-1964	Dec. 1964
35mm, KS-1866.....	PH22.139-1964	Dec. 1964
35mm, KS-1870.....	PH22.36-1964	Dec. 1964
65mm, KS-1866.....	PH22.145-1965	Oct. 1965
65mm, KS-1870.....	PH22.118-1961*Mar. 1961	
70mm, Perforated 65mm, KS-1870.....	PH22.119-1961*Mar. 1961	

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Film Usage, Camera		
8mm.....	PH22.21-1964	Dec. 1964
16mm, 2R.....	PH22.9-1965	Aug. 1965
16mm, 1R.....	PH22.15-1964	Feb. 1965
35mm.....	PH22.2-1961*Nov. 1961	

Film Usage, Projector		
8mm.....	PH22.22-1964	Dec. 1964
16mm, 2R.....	PH22.10-1964	Dec. 1964
16mm, 1R.....	PH22.16-1965	May 1965
35mm.....	PH22.3-1961*July 1961	
35mm (Anamorphic).....	PH22.103-1966	Mar. 1966

Sound		
Photographic		
16mm.....	PH22.41-1957*Aug. 1957	
35mm.....	PH22.40-1957*Nov. 1957	June 1966 ¹
35mm Double Width Push-Pull, Normal Centerline.....	PH22.69-1960	Nov. 1948 ² Dec. 1960 ³
35mm Double Width Push-Pull, Offset Centerline.....	PH22.70-1960	Nov. 1948 ² Dec. 1960 ³

Magnetic		
8mm		
Stripe.....	PH22.88-1963	June 1963
Reproducing Characteristic.....	PH22.134-1963	July 1963
Sound Record.....	PH22.135-1962*Nov. 1962	
16mm		
30 Mil-Stripe.....	PH22.101-1963	June 1963
50-Mil Mag-optical Stripe.....	PH22.127-1962*Nov. 1962	
100-Mil Stripe.....	PH22.87-1966†Aug. 1966	
200-Mil Stripe.....	PH22.97-1964	Mar. 1964
16mm, Perforated 8mm.....	PH22.136-1963	June 1963
Picture-Sound Separation.....	PH22.112-1958*June 1958	
35mm		
Four 150-Mil Records.....	PH22.108-1958	June 1958
	R1965	
Four Records, Release Prints.....	PH22.137-1963	Jan. 1964
35/17½mm		
1 or 3 200-Mil Records.....	PH22.86-1962*May 1962	

Television		
Image Area		
16mm Film.....	PH22.96-1963	Oct. 1963
35mm Film.....	PH22.95-1963	Oct. 1963
Slides and Opaques.....	PH22.94-1954*May 1954	Dec. 1960 ¹
16mm Projector, Monochrome Film Chains Full Storage Basis.....	PH22.91-1955*Apr. 1955	
Density and Contrast		
Range, Films and Slides.....	RP 7-1962*May 1962	
Safe Action Area.....	RP 13-1963*Dec. 1963	
Safe Title Area.....	RP 8-1961*July 1961	
2x2 Slide Mount.....	RP 9-1966	Aug. 1966
Slides and Transparencies for TV.....		
	PH22.144-1965	May 1965

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Test Films			
	Photographic		
8mm	Registration	RP 19-1965	Jan. 1966
16mm	400-Hertz Signal Level	PH22.45-1962	*Nov. 1962
	3000-Hertz Flutter	PH22.43-1961	*July 1961
	5000-Hertz	Sound Focusing	
	7000-Hertz		
		PH22.42-1962	*May 1962
	Buzz-Track	PH22.57-1963	June 1963
	Multifrequency	PH22.44-1963	Feb. 1963
	Registration	RP 20-1965	Jan. 1966
	Sound Projector	RP 18-1964	Nov. 1964
	Theater Test Reel	PH22.79-1950	*Apr. 1950 ²
		R1956	
	Scanning Beam, Laboratory Type (corrected)	Z22.80-1950	*Nov. 1952
			Sept. 1965 ¹
35mm	1000-Hertz Balancing	PH22.67-1960	*Nov. 1948
			Oct. 1960 ³
	7000-Hertz Sound	Focusing	
		PH22.61-1963	July 1963
	9000-Hertz Sound	Focusing	
		PH22.62-1960	*Nov. 1948
			Oct. 1960 ³
	Buzz-Track	PH22.68-1962	May 1962
	Scanning Beam, Service Type	PH22.65-1948	*Nov. 1948
		R1953	
	Theater Test Reel	PH22.60-1959	*Nov. 1948 ²
			Nov. 1959 ²
Magnetic			
8mm	Azimuth	PH22.129-1962	Nov. 1962
	400-Hertz Signal	Level	
		PH22.130-1962	Nov. 1962
	Flutter	PH22.128-1962	Nov. 1962
	Multifrequency	PH22.131-1962	Nov. 1962
16mm	Azimuth Alignment	PH22.114-1959	*July 1959
	Multi-Azimuth	PH22.126-1961	Nov. 1961
	400-Hertz Signal	Level	
		PH22.132-1963	June 1963
	Flutter	PH22.113-1966	Aug. 1966
	Multifrequency	PH22.140-1965	May 1965
35mm	Azimuth Alignment	PH22.99-1955	*May 1955
	Flutter	PH22.98-1963	Oct. 1963
Test Methods, 16mm Sound Distortion			
	Cross Modulation, Variable-Area	PH22.52-1960	*Oct. 1954
			Dec. 1960 ³
	Intermodulation, Variable-Density	PH22.51-1961	July 1961
Test Plate			
	Resolution Target, 16mm Projector	PH22.53-1953	May 1953
	Withdrawn 1966		Mar. 1966 ⁴
Video Magnetic Tape Recording			
	Leader, monochrome	C98.2-1963	Dec. 1963
	color	C98.7	July 1966 ¹
	Modulation Levels	RP 6-1960	Dec. 1960
	Patch Splices	RP 5-1964	Apr. 1964
	Records, Characteristics of Audio	C98.3-1963	Dec. 1963
	Record Dimensions, Video, Audio and Tracking Control	C98.6-1965	Apr. 1965
	Record, Tracking Control	RP 16-1964	May 1964
	Reels	C98.5-1965	Apr. 1965
	Speed	C98.4-1963	Dec. 1963
	Tape Dimensions	C98.1-1963	Dec. 1963
	Tape Vacuum Guide	RP 11-1962	Mar. 1962
Test Tapes			
	Multifrequency	C98.9	July 1966 ¹
	Primary audio level	C98.8	July 1966 ¹
	Signal Specifications for Alignment Tape	RP 10-1962	July 1962

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Cores for Raw Stock Film			
	16mm	PH22.38-1964	Mar. 1964
	35mm	PH22.37-1963	Jan. 1964
Density Measurements			
	Calibration of Densitometers	RP 15-1964	Apr. 1964
	Spectral Diffuse	PH22.117-1960	*Dec. 1960
	Transmission	PH22.27-1960	*Mar. 1948
			Oct. 1960 ³
	Edge Numbering, 16mm Film	PH22.83-1965	Dec. 1965
Film Length, 8mm Camera Spool			
	(25 ft. Capacity)	PH22.143-1965	May 1965
Film Winding			
	16mm, 1R	PH22.75-1953	Feb. 1954
		R1961	
	Graph Paper	RP 22-1966	Dec. 1966
Lamps, 16mm and 8mm Projectors			
	Base-Up Type	PH22.84-1964	July 1964
	Base-Down Type	PH22.85-1964	July 1964
Lens			
	Aperture Calibration	PH22.90-1964	June 1964
	Focal Lengths, Markings, 35mm	PH22.28-1958	*June 1958
	Focus Scales, 16mm and 8mm Cameras	PH22.74-1965	May 1965
Lens Mounts			
	16 & 8mm Cameras	PH22.76-1960	Feb. 1960
		R1966	
	High-Speed Motion-Picture Cameras	RP 3-1957	Aug. 1957
		R1964	
Nomenclature, Film			
	(Sections 1-4)	PH22.56-1961	*July 1961
	(Sections 5-7)	PH22.56a-1964	*Mar. 1964
Photometric Performance, Incandescent Lighting Units			
		RP 4-1958	Sept. 1958
Reels			
	8mm	PH22.23-1958	*Aug. 1958
	16mm	PH22.11-1966	Dec. 1966
	35mm	PH22.4-1965	Aug. 1965
	70/35mm	PH22.147-1966	Mar. 1966
Release Prints (Universal Leader)			
		PH22.55-1966	Mar. 1966
	Reversal Color Film Speed	PH22.146	Dec. 1964 ¹
	Safety Film	PH22.31-1958	*Jan. 1959
Screen Brightness			
	35mm Indoor Theaters	PH22.124-1961	*Sept. 1961
	35mm Review Rooms	PH22.133-1963	June 1963
	Drive-In Theaters	RP 12-1962	July 1962
	16mm Review Rooms	PH22.100-1955	*Feb. 1956
	Sensitometric Strips	RP 14-1964	*Apr. 1964
Spindles			
	16mm projector	PH22.50-1960	*Dec. 1952 ²
			Oct. 1960 ³
	16mm camera	RP 24	Dec. 1966 ¹
	35mm rewind	RP 21-1966	Aug. 1966
Splices, 16 & 8mm			
	Laboratory type	PH22.77-1965	Dec. 1965
	Projection Type	PH22.24-1965	Dec. 1965
	70mm reinforcement	RP 23	Dec. 1966 ¹
	Spools, 8mm, 25-ft Capacity	PH22.107-1964	June 1964
Sprockets			
	16mm	RP 1-1950	Feb. 1950
		R1963	
	35mm	PH22.35-1962	*May 1962
Unsteadiness, High-Speed Camera			
		RP 17-1964	May 1964

* Under Committee review. R—Reaffirmed.

† Film dimension titles show film width, perforation pitch (without the decimal point) and a code designation for the perforation shape—BH KS DH CS (Bell & Howell, Kodak Standard, Dubray-Howell, CinemaScope)—or number of rows of perforations (1R, 2R, etc.) depending on which is the significant factor.

¹ Proposed standard or recommended practice. ² To be withdrawn.

³ Essential technical content is included in the early publication date. The later date lists editorial or nontechnical changes agreed to by SMPTE engineering committees and subsequently incorporated in a revision of the standard. ⁴ Notice of approved withdrawal.

